

# PRODUCT CHANGE NOTICE

1. TITLE <b>HFB25HJ20, Thermal Impedance Curves</b>		2. DOCUMENT NUMBER <b>FV5-C-13-003</b>
		3. DATE <b>November 15, 2012</b>
4. MANUFACTURER AND ADDRESS <b>International Rectifier                  205 Crawford Street                  Leominster, MA 01453</b>		5. MANUFACTURER PART NUMBER <b>HFB25HJ20</b>
		6. BASE PART <b>NA</b>
		7. NATIONAL STOCK NUMBER (NSN) <b>NA</b>
8. CAGE <b>69210</b>	9. EFFECTIVE DATE <b>9/6/12</b>	10. GOVERNMENT NUMBER <b>NA</b>
11. POINT OF CONTACT <b>Manufacturer's Representative or                  Customer Service Representative (978) 534-5776</b>		12. DRAWING NUMBER <b>NA</b>
		13. SPECIFICATION NUMBER <b>MIL-PRF-19500 Type</b>

14. PRODUCT CHANGE  
 This GIDEP PCN is to announce a change in the Thermal Impedance Curves for the following International Rectifier Part No. **HFB25HJ20**

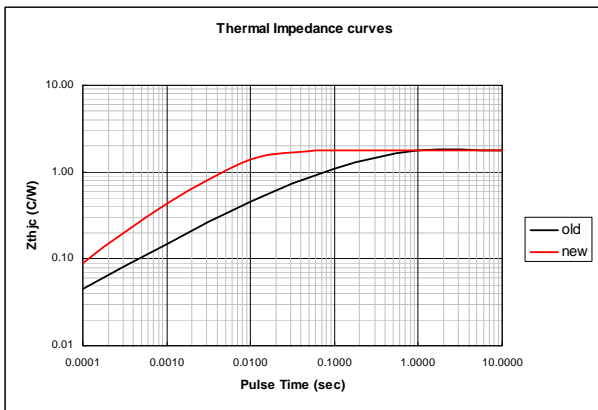
**Description:** 200V 25A Hi-Rel Ultra-Fast Discrete Diode in a SMD-0.5 package



**Changes to Thermal Characteristics:**

- Revised maximum thermal impedance characteristics based on E4 test results.
- Replace figure 4 Thermal impedance curves (see attached).

Impact: Higher junction temperature than calculated temperature for duration times less than 1 sec.

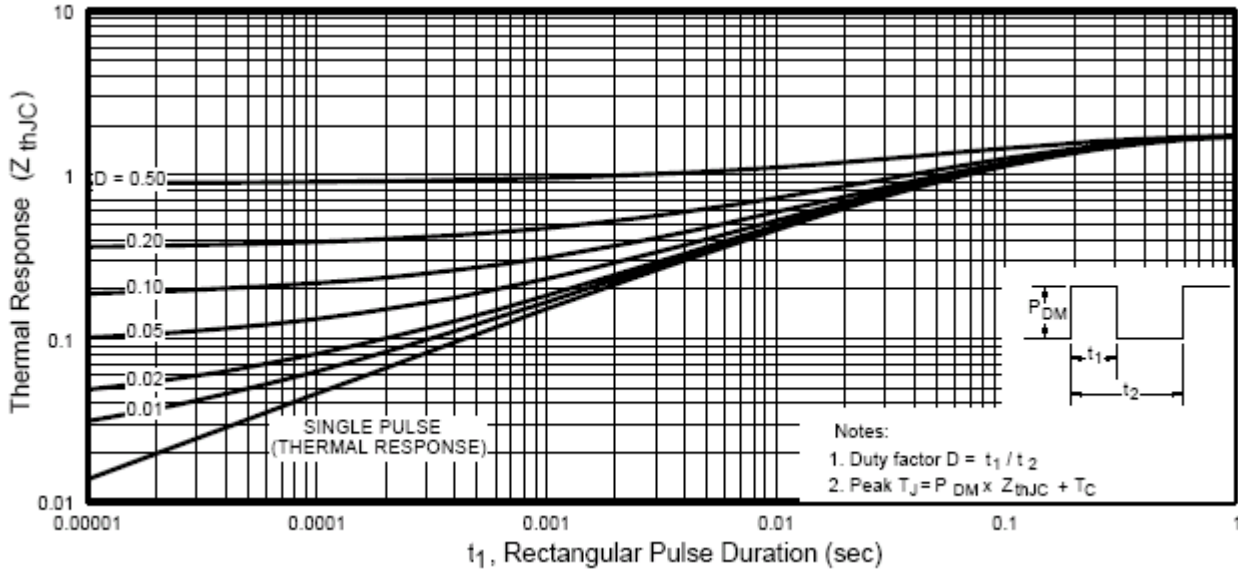


(Reference Data Sheet PD-94150).

		16. APPROVING GOVERNMENT ACTIVITY	
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE November 15, 2012	

Fig. 4 - Max. Thermal Impedance  $Z_{thJC}$  Characteristics (Per Leg)

From:



To:

